

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,193,647 B1
DATED : February 27, 2001
INVENTOR(S) : Beebe et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 10,

Line 21, delete "issues, Electrical" and insert -- issues. Electrical -- therefore

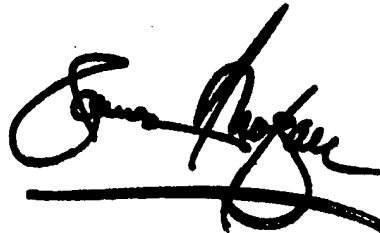
Column 11,

Line 29, delete "communication" and insert -- fluidic -- therefore

Signed and Sealed this

Fifth Day of February, 2002

Attest:

A handwritten signature in black ink, appearing to read "James E. Rogan", with a long horizontal stroke underneath.

Attesting Officer

JAMES E. ROGAN
Director of the United States Patent and Trademark Office